

Thursday, May 23, 2002



## Experiments on ISS wrapping up for return on Endeavour

◆ **ISS Update:** Using a furnace in the Destiny laboratory, the Station crew wrapped up work last week with an experiment that grew the first zeolite crystals, a key element of refining processes used in the petrochemical industry on Earth. The experiment had been delivered last month aboard the shuttle Atlantis and the completed crystals will be returned to scientists on the ground by Endeavour in the next mission. In addition, work continued on the Biomass Production System, a plant growth experiment, with the crew regularly preserving Brassica plant samples and checking the growth chambers' status.



◆ **Shuttle Update:** **Columbia** – The SPACEHAB/FREESTAR payload is scheduled to be installed in the payload bay today. **Atlantis** – Processing continues and replacement of window no. 2 is in work. **Endeavour** – orbiter aft close-out and Extravehicular Mobility Unit installation and checkout is in work.

◆ **Environment Tips: Don't Send Your Money Down the Drain.** There are many ways to conserve water and lower your water bill. Repair leaky faucets promptly, and install aerating, low-flow faucets and shower heads. The biggest water-user in a home is typically the toilet. Install low-flow toilets, or place a plastic container filled with water or gravel in the tank of your conventional toilet. (Be sure it does not interfere with the toilet's flush mechanisms.) In the kitchen, scrape, don't rinse, off large food pieces, and add food wastes to a compost pile rather than using a garbage disposal. If you use a dishwasher, soaking or prewashing dishes is generally only recommended in cases of burned-on or dried-on food. Run your dishwasher when it is full, but not overloaded. And don't use the "rinse hold"

## Two orbiters, one Shuttle getting prepped for launches

setting for just a few soiled dishes. For laundry, wash full loads, or use the appropriate water-level setting. Outdoors, use native plants, reducing the need for extra watering, and when using a hose, control the flow with an automatic shut-off nozzle. For more information on other ways to save energy at home, visit the Web site [http://www.eren.doe.gov/energy\\_savers/](http://www.eren.doe.gov/energy_savers/)



◆ **Ticket Reservations Are Still Available** for KSC employees and their families to attend the Cape Canaveral Lighthouse Barbecue June 8, from 5 - 8 p.m. Tickets are \$20 per person. This may be credited toward a one-year membership when paid as part of this event. Checks should be made payable to the Cape Canaveral Lighthouse Foundation. Badged personnel may drive to the lighthouse and use the Hangar C parking lot. Non-badged individuals will be provided bus transportation from Gate 1 of Cape Canaveral Air Force Station and must be 16 years of age or older. The Lighthouse Foundation was recently created to assist with the preservation and restoration of the Cape Canaveral Lighthouse. For ticket reservations, contact George Diller at 861-7643.

◆ **NASA Science Update:** Experts say another Leonid meteor storm is due in 2002. Rumor has it that a glaring full Moon will ruin the display ... but perhaps there's hope for a marvelous show, after all. Read the full story at [http://science.nasa.gov/headlines/y2002/10may\\_leonids-2002.htm?list550276](http://science.nasa.gov/headlines/y2002/10may_leonids-2002.htm?list550276) .

◆ **Did You Know?** Monday, May 27, is the **Memorial Day** holiday. As a result, there will be no Tuesday edition of KSC Countdown.★

KSC Countdown is published every Tuesday & Thursday.

Deadlines: 10 a.m. Mondays & Wednesdays. Send information, comments or questions to:

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